101

METHOD AND SYSTEM FOR ENHANCED DATA SEA Express No. EV064992003US

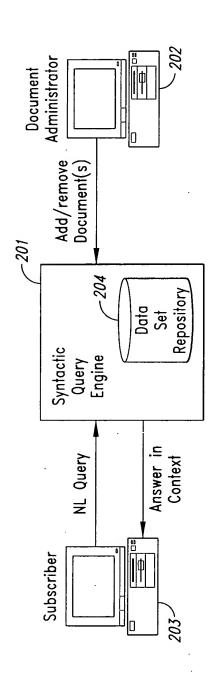
Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299

Docket No. 480193.402

01-DEC-1997 [04-JAN-2000] [01-NOV-1998] [01-DEC-1997] [23-DEC-1997 Natural gas reserves are large and Argentina should become a major gas supplier to neighbouring Previously, Argentina has been the main customer for Bolivia's natural gas [Similar documents] Directory: Country Profile Argentina 1997 / 1998 > Economic infrastructure > Energy provision Until now, Argentina has been the main customer for Bolivia's natural gas [Similar documents] Directory: Country Report Chile 1st quarter 2000 > Sectoral trends > Gasoducto del Pacifico is Energy co-operation between Argentina and Chile deepened further on November 9th with the Argentina's Neuquen province to the Biobio region, about 500 km south of Santiago [Similar Argentina has become an important natural gas supplier to neighbouring countries, especially [Directory: Country Profile Bolivia 1998 / 1999 > Production > Mining and semi-processing Directory: Country Profile Bolivia 1997 / 1998 > Production > Mining & semi-processing Page: 1 Directory: Country Profile Argentina 1997 / 1998 > Resources > Natural resources & the inauguration of Gasoducto del Pacifico, a 543-km gas pipeline carrying natural gas from Does Argentina import or export gas markets, particularly Chile and Brazil [Similar documents] 3 Natural resources & the environment Argentina Results [1 - 10 of 10] 5 Gasoducto del Pacifico is inaugurated Chile Brazil and Chile [Similar documents] 2 Mining and semi-processing Bolivia Mining & semi-processing Bolivia 4 Energy provision Argentina LightFinder environment naugurated

Fig. 1

Ti METHOD AND SYSTEM FOR ENHANCED DATA SEA Express No. EV064992003US Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299



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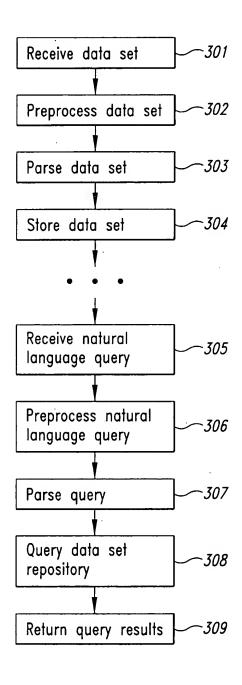


Fig. 3

Express Mail No. EV064992003US
Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299 Docket No. 480193.402

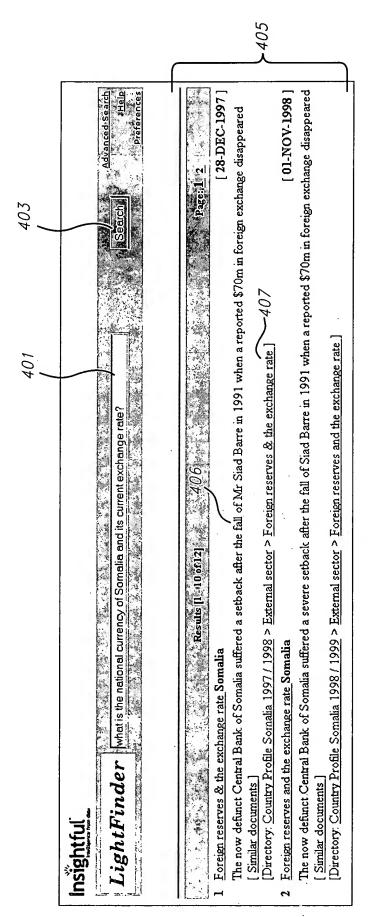


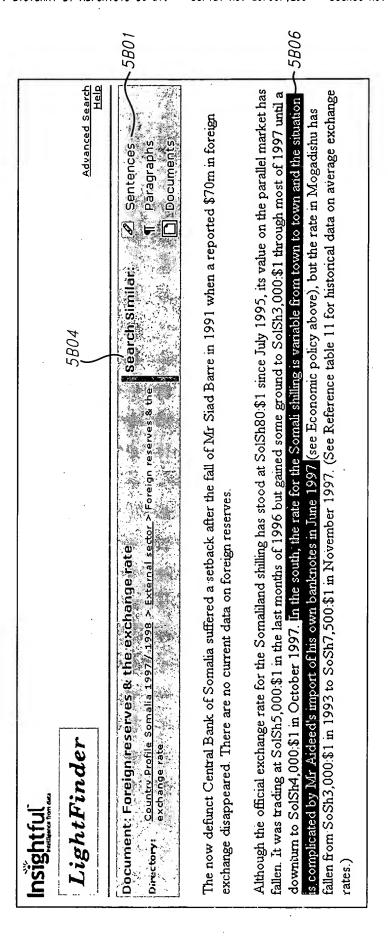
Fig. 4

.5402 5403 5401 Advanced Search Although the official exchange rate for the Somaliland shilling has stood at SolSh80.\$1 since July 1995, its value on the parallel market has fallen from SoSh3,000:\$1 in 1993 to SoSh7,500:\$1 in November 1997. (See Reference table 11 for historical data on average exchange fallen. It was trading at SolSh5,000.\$1 in the last months of 1996 but gained some ground to SolSh3,000.\$1 through most of 1997 until a downturn to SolSh4,000.\$1 in October 1997. In the south, the rate for the Somali shilling is variable from town to town and the situation is complicated by Mr Aideed's import of his own banknotes in June 1997 (see Economic policy above), but the rate in Mogadishu has The now defunct Central Bank of Somalia suffered a setback after the fall of Mr Siad Barre in 1991 when a reported \$70m in foreign 5404 exchange disappeared. There are no current data on foreign reserves. Document: Foreign reserves & the exchange rate LightFinder Insightful rates.)

Fig. 5A

Inventor(s): Giovanni B. Marchisio et al.

Serial No. 10/007,299



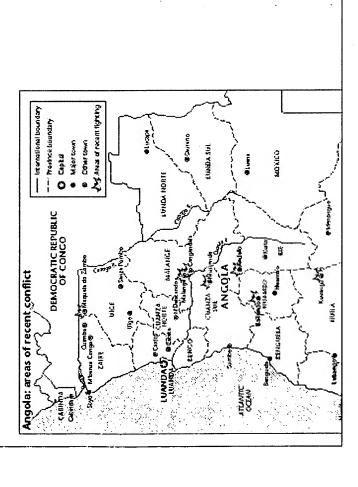
Insightful
LightFinder In the south, the rate for the Somali shilling is variable from town to town and the situati
Results [1 - 10 of 13]
1 Controversial new bank notes arrive Somalia
In fact, many of these traders openly support Mr Aldeed's rivals, which may also account for the armed stand-offs, which are reported to have occurred at the airports upon the actual arrival of the bank-notes [Similar documents] [Directory: Country Report Somalia 3rd quarter, 1999 > Economy > Controversial new bank notes arrive]
2 Foreign reserves & the exchange rate Somalia [28-DEC-1997]
In the south, the rate for the Somali shilling is variable from town to town and the situation is complicated by Mr Aideed's import of his own banknotes in June 1997 (see Economic policy above), but the rate in Mogadishu has fallen from SoSh3,000.\$1 in 1993 to SoSh7,500.\$1 in November 1997 [Similar documents]
[Directory: Country Profile Somalia 1997 / 1998 > External sector > Foreign reserves & the exchange rate]
3 Controversial new bank notes arrive Somalia
Another delivery of new shillings was reportedly received by Mr Aideed at the Baidoa airport in late May, although a second delivery there was apparently cancelled following that city's fall to anti-Aideed forces in early June (see Political scene) [Similar documents] [Directory: Country Report Somalia 3rd quarter, 1999 > Economy > Controversial new bank notes arrive]
4 Economic outlook Somalia [01-MAR-2001]
However, until the government attains control of the country and is able to stop other economic agents shipping over banknotes, the prospect of the Central Bankif it is re-establishedperforming a useful service during the forecast period is remote [Similar documents] [Directory: Country Report Somalia March 2001 Main report > Outlook for 2001-02 > Economic outlook]

Insightful	
acent conflict areas of Angola	Search Help
Preference	rences
Results $[1:Sof5]$	
1 New FAA offensive in central highlands successful Angola [19-NOV-1999]	[666]
This map presents the Angola(Please See Map/Chart) [Similar documents] [Directory: Country Report Angola 4th quarter 1999 > Political scene > New FAA offensive in central highlands successful]	
2 First deepwater production is imminent Angola [19-NOV-1999]	[666]
This map presents the Angola (Please See Map/Chart) [Similar documents] [Directory: Country Report Angola 4th quarter 1999 > Oil & gas > First deepwater production is imminent]	
3 Military situation is relatively quiet Angola	2000
The area between Lucapa and Saurimo, which contains concessions held by Diamondworks and Southern Era, is also reported to have been unstable (see map, above) [Similar documents]	map,

Paragraphs Documents Sentences Ö Central highlands Country Report Angold 4th quarter 1999 > Political scene > New FAA affensive in Document: New FAA offensive in central highlands successful

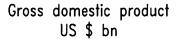
Directory

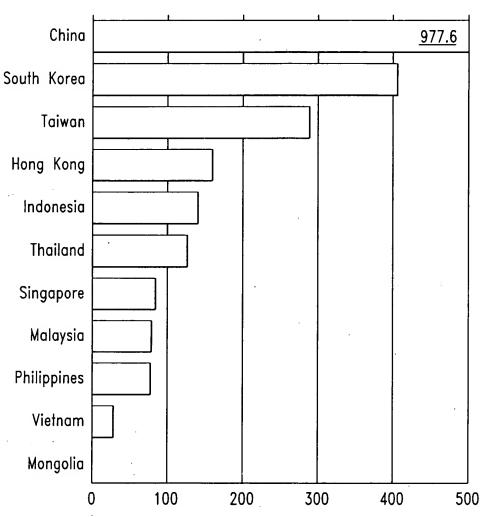
proved to be feints to distract UNITA from preparations for a major assault on its headquarters in the central highlands. A series of large FAA offensives, backed by heavy ar attacks, began to unfold on September 14th, and the FAA enjoyed early successes. UNITA suffered heavy casualties when it tried unsuccessfully to defend Cangandala Bailundo, which had served as Mr Savimbi's headquarters since just before the signing of the Lusaka peace agreement in 1994. UNITA, which had significant conventional The government's rejection of dialogue with UNITA, crackdown on legal opposition and intimidation of moderates in its own ranks provided a backdrop for a substantial town against FAA forces moving southwards from Malange. They also lost the strategic Salazar bridge over the Cuanza river nearby, opening the way for FAA forces to move towards Mussende, the site of one of UNITA's most important airfields in the central highlands. At the same time, government forces based in Huambo and Kuito hegan to expand their perimeter of control around these towns, and simultaneously began to push northwards towards the symbolically important towns of Andulo and military build-up. Military activity in northern Angola, followed by the widely trumpeted recapture of the southern town of Kuvango in early September, ultimately forces in the area, suffered from severe logistical problems, in particular a lack of fuel, which hampered its ability to move tanks and other heavy equipment.



<u>_</u>	Insightful	
N1	LightFinder show me a chart of the GDP of China	Advanced Search Ch Help Preferences
	Results [1-10.0f.18]	Page: 1 2
_	Related countries GDP China - 808	[03-NOV-2000]
	Related countries GDP of China is Please see the Table/Chart [$\frac{Similar\ documents}{Directory}$]	
7	Related countries GDP per head China	[03-NOV-2000]
	Related countries GDP per head of China is Please see the Table/Chart [Similar documents] [Directory: Related countries GDP per head >	

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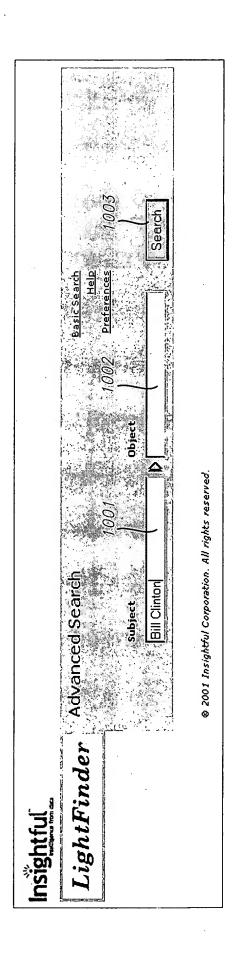




(a) Less than US\$1bn.

Sources: EIU estimates; national sources.

Fig. 9

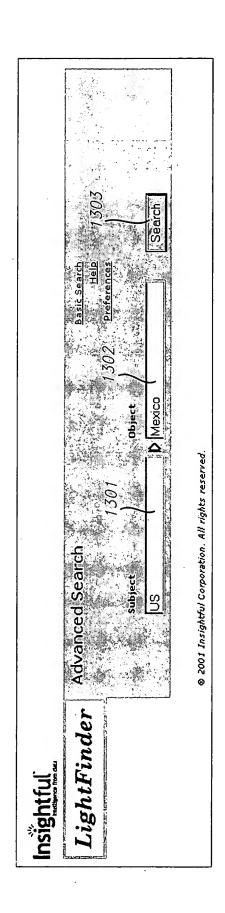


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		<u>have[3]</u>	hold[3]	<u>lead to[3]</u>
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Docket No. 480193.402

[09-NOV-2000] [30-JAN-1998] [09-MAY-1998] Advanced Search The PNDC's socialist contacts caused tension with the US, but since the beginning of the 1990s relations have improved dramatically and the US president, Bill 12-JUL-1999 The PNDC's socialist contacts caused tension with the US, but since the beginning of the 1990s relations have improved dramatically and the US president, Bill [23-APR-1999 [08-JUN-2000 Page: 1 2 On March 10th and 11th the US president, Bill Clinton, visited Guatemala, as part of his four-day visit to Central America [Similar documents] [Directory: Country Report North Korea November 2000 Main report > At a glance--2001-02--North Korea November 2000 [Directory: Country Report Rwanda 2nd Quarter 1998 > Political scene > Pres Clinton apologises for not stopping genocide President Bill Clinton of the US visited Rwanda for three hours on March 25th during his African tour [Similar documents.] Directory: Country Report Guatemala 2nd quarter, 1999 > Political scene > President Clinton visits Guatemala --Directory: Country Profile Ghana 2000/2001 > Political background > International relations and defence [Directory: Country Profile Ghana 1999/2000] > Political background > International relations and defence Clinton, visited Ghana in March 1998, on the first leg of his six-country tour of Africa [Similar documents Clinton, visited Ghana in March 1998 on the first leg of his six-country tour of Africa [Similar documents] The US president, Bill Clinton, may visit North Rorea in return for a missile deal [Similar documents] The US president, Bill Clinton, visited American troops in Bosnia in December [Similar documents] At a glance--2001-02--North Korea November 2000 North Korea Results [1-10 of 16] Pres Clinton apologises for not stopping genocide -- Rwanda US troops may stay longer Bosnia and Hercegovina President Clinton visits Guatemala -- Guatemala International relations and defence Ghana International relations and defence Ghana bill clinton visi LightFinder Insightfu 4 4 'n ø 3

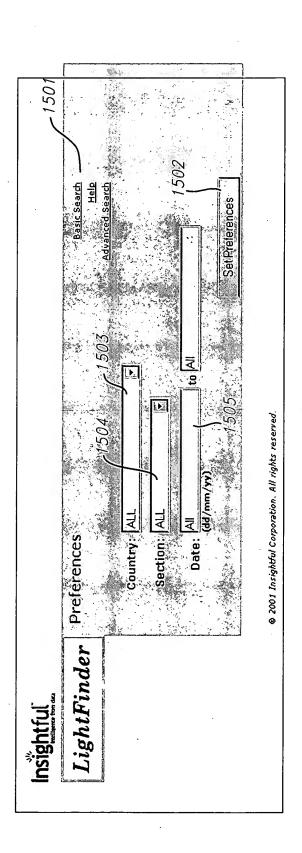
Fig. 12



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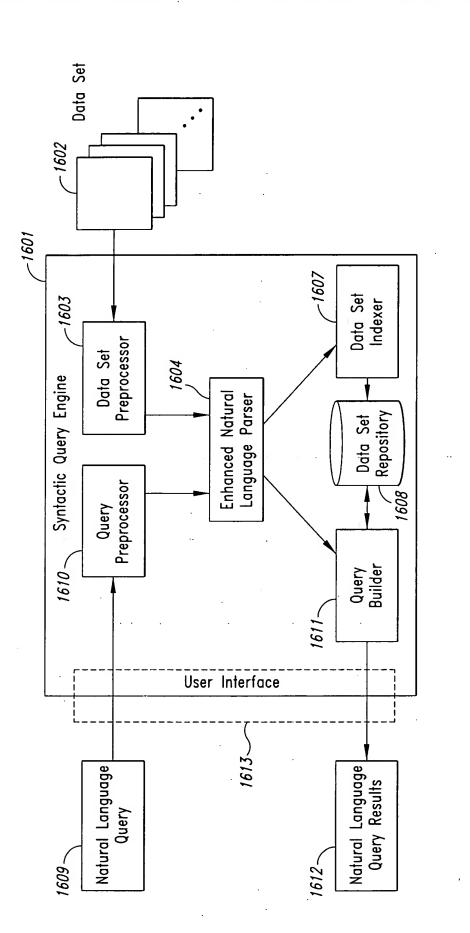
Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299 Docket No. 480193.402

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Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299 Docket No. 480193.402



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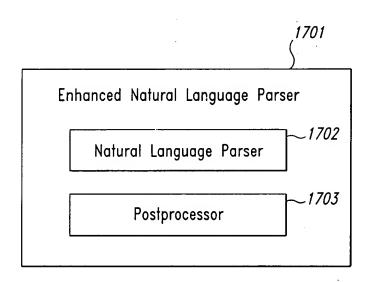


Fig. 17

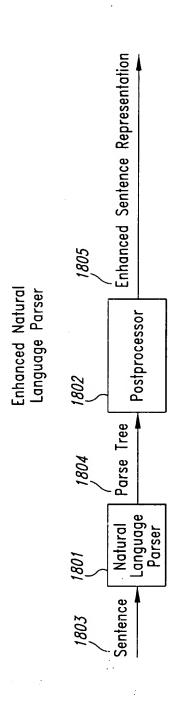
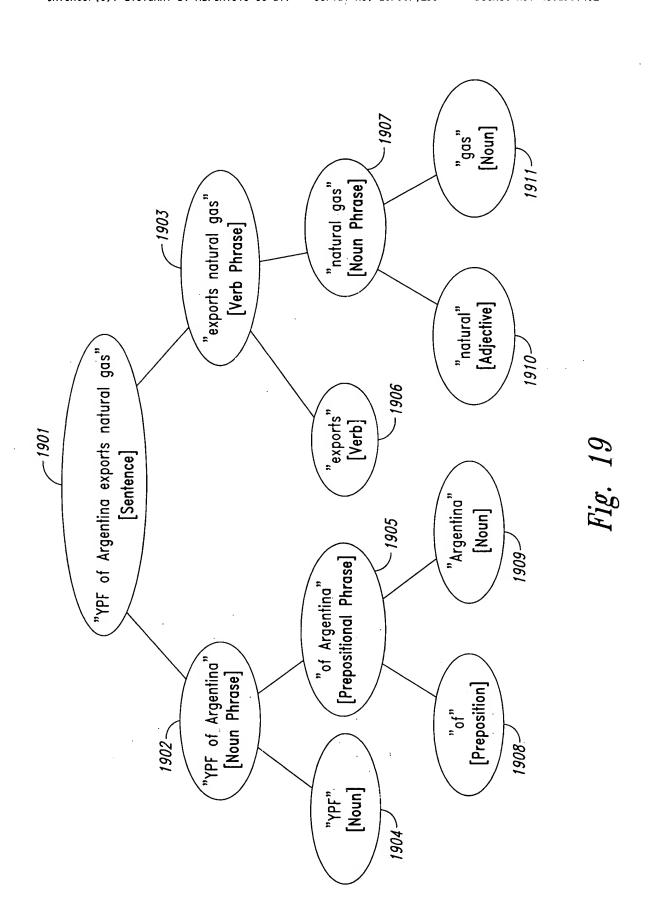


Fig. 18

Inventor(s): Giovanni B. Marchisio et al.

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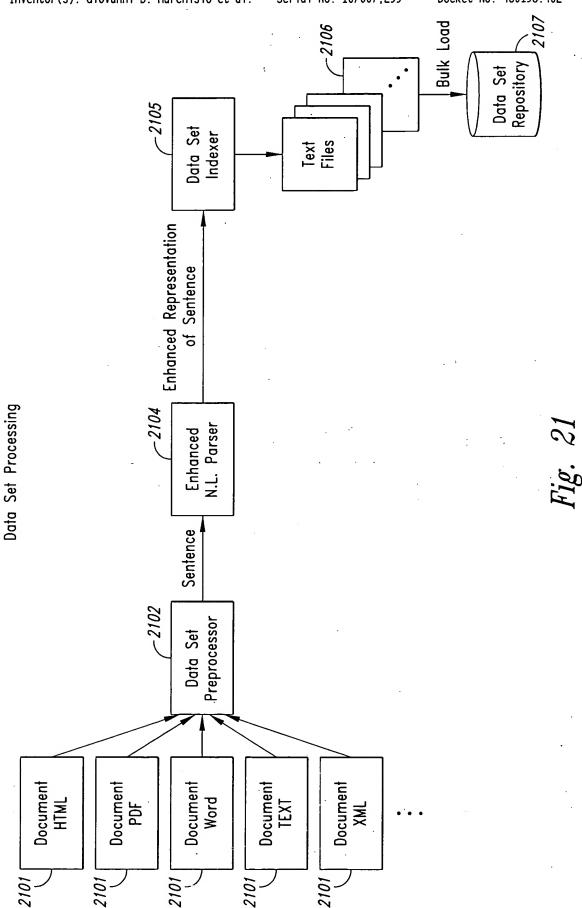


Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299

•	Subject	Verb	Object	Preposition	Verb Modifier	Preposition Verb Modifier Noun Modifier
2001	Argentina					YPF
2002	Jdk		natural gas			
2003	Jdk		spb			
2004	Argentina		natural gas			
2005	Argentina		spb			
~9007	Jdk	export	1			34.C
2007	Argentina	export				
2008		export	natural gas		*	
2009		export	gas			

Fig. 20

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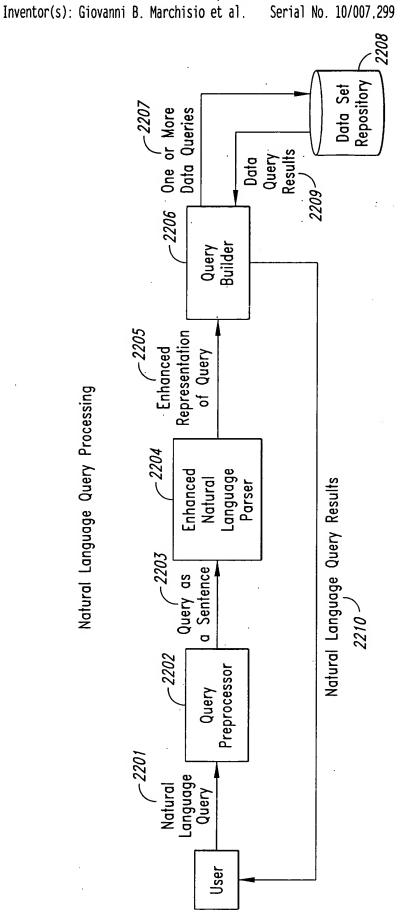


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Express No. EV064992003US

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Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299 Docket No.

Docket No. 480193.402

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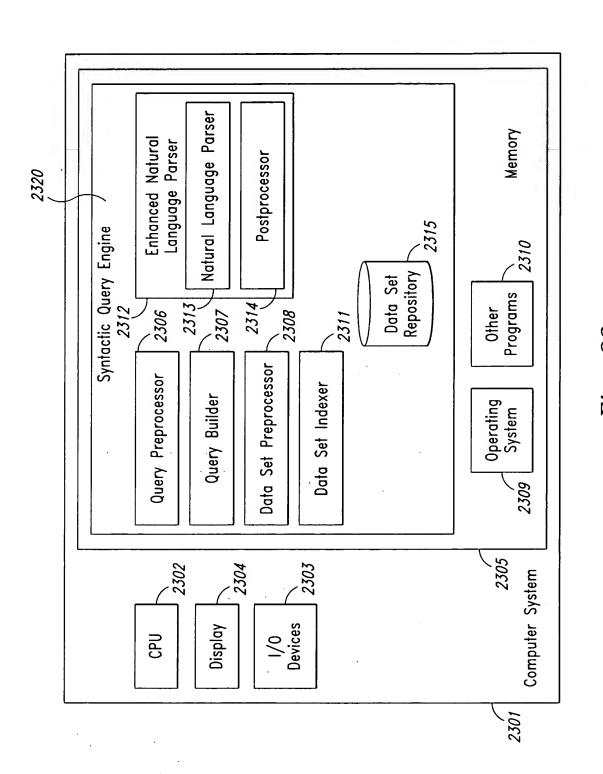


Fig. 23

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Serial No. 10/007.299 Docket No. 480193.402

Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299

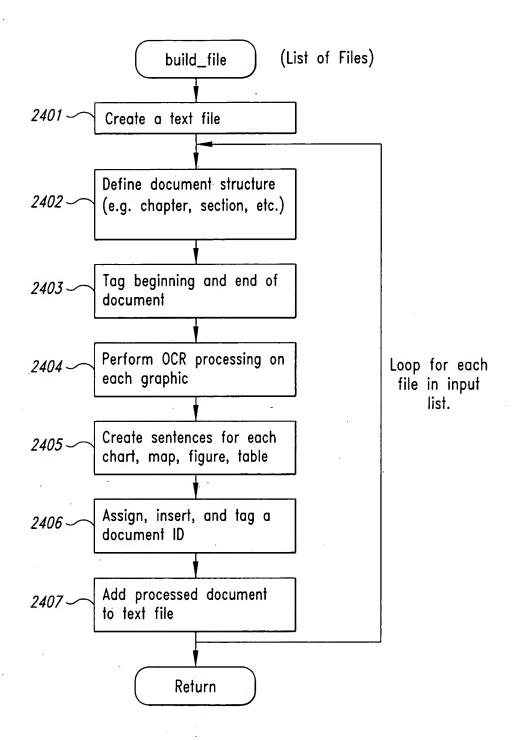


Fig. 24

Inventor(s): Giovanni B. Marchisio et al.

Serial No. 10/007,299

	2501
2503_	<doc> 2504 <docno>1</docno> This is the text of the first document </doc>
2505	This table shows the Defense forces, 1996. Armed forces is _NUM. Navy is _NUM. Air Force is _NUM.
2502 2501 2503	<pre> 2504 </pre> This is the text of the second document.
2502	

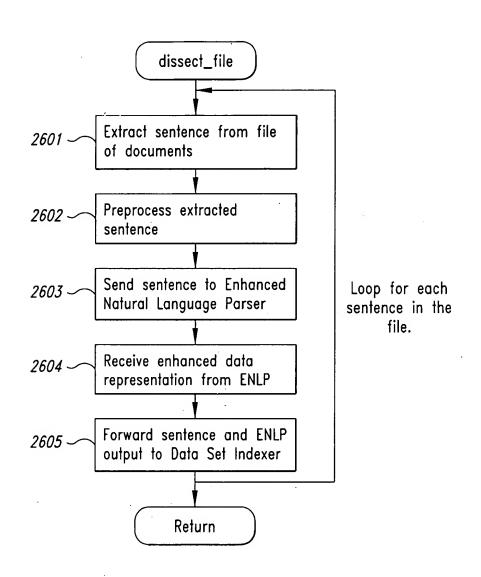


Fig. 26

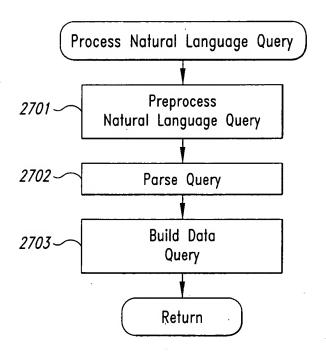


Fig. 27

Docket No. 480193.402

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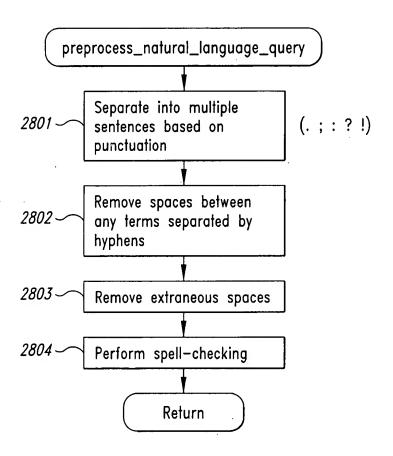
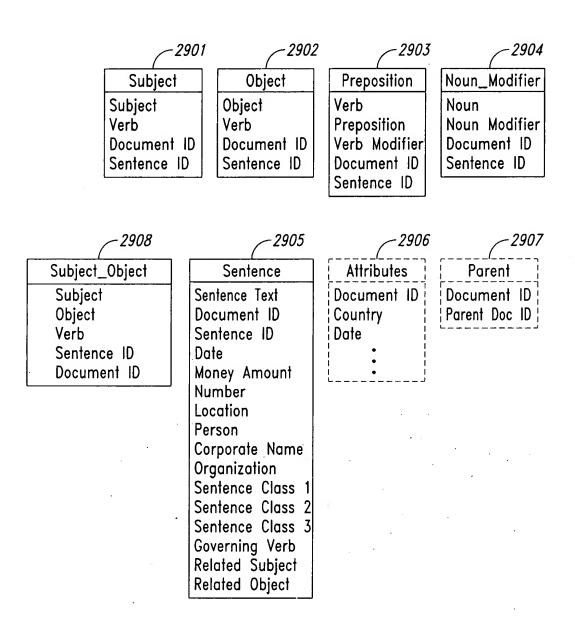


Fig. 28

Docket No. 480193.402

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Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299

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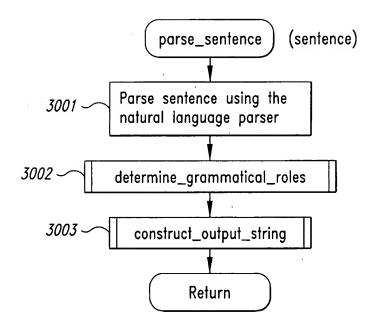


Fig. 30

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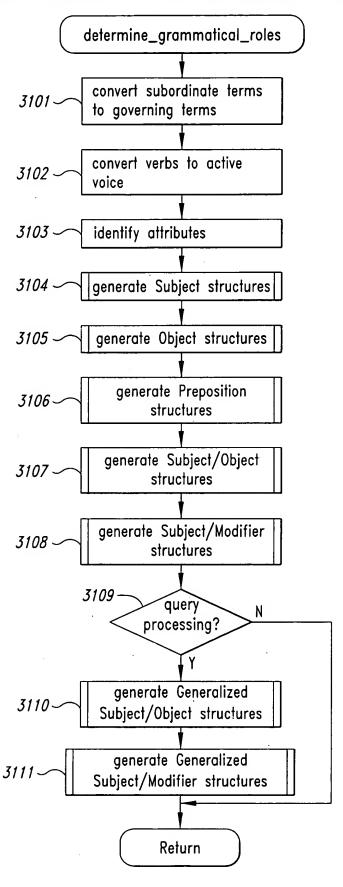


Fig. 31

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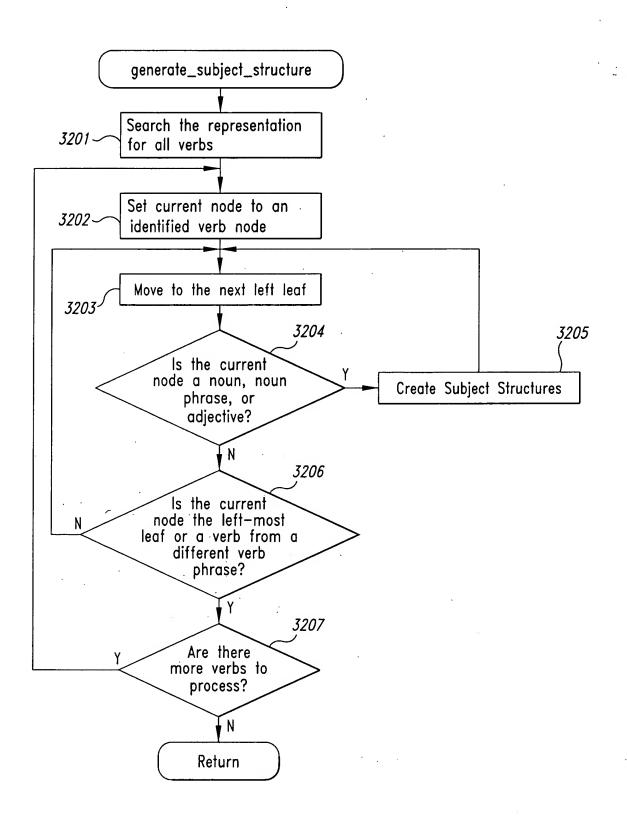


Fig. 32

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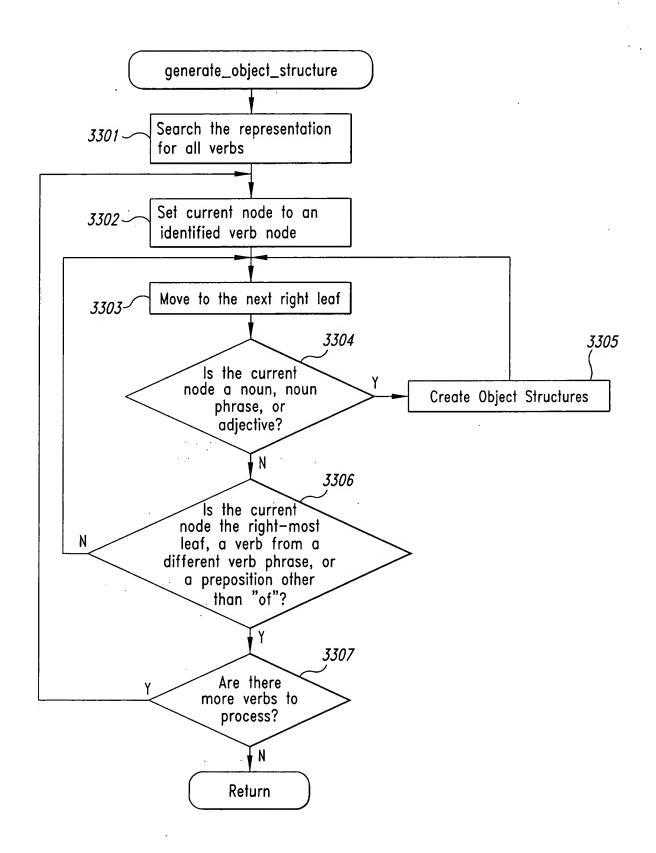


Fig. 33

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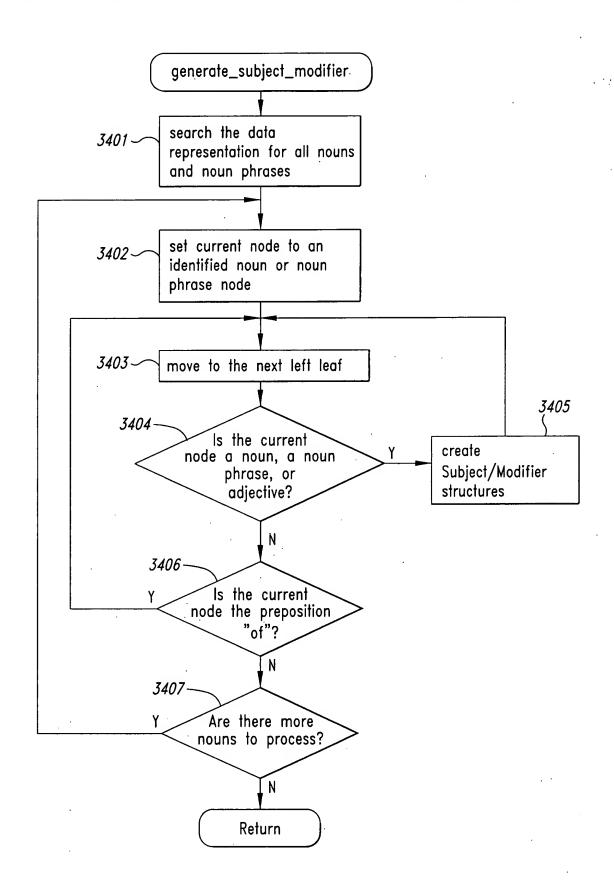
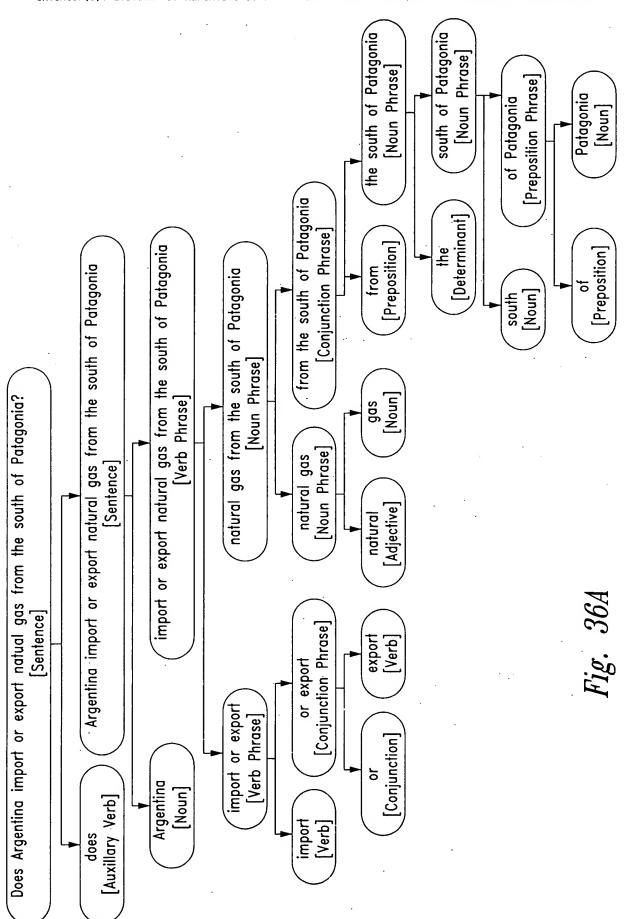


Fig. 34

Inventor(s): Giovanni B. Marchisio et al. Serial No. 10/007,299 Docket No. 480193.402 generate_generalized_subject_object search the data 3501 representation for all nouns and noun phrases set current node to an 3502 identified noun or noun phrase node move to the next right leaf 3503~ 3508-3504 Is the current Is the current node a preposition node a verb or other than the last node? "of"? move to the next right leaf *3505~ 3507* 3506-Is the create generalized current node a noun, Subject/Object noun phrase, or structures adjective? N 3509 Is the current node the preposition 3510-Are there more nouns or noun phrases to process? Add reversed 3511 Subject/Modifier structures Return Fig. 35



METHOD AND SYSTEM FOR ENHANCED DATA SE Express No. EV064992003US

Inventor(s): Giovanni B. Marchisio et al.

Serial No. 10/007,299

Docket No. 480193.402

Does Argentina import or export natural gas from the south of Patagonia?

Row	Number	Subject	Verb	Object	Preposition	Modifier
	1	Argentina	import			
	2	Argentina	export			
	3		import	natural gas		
	4		import	gas		
	5		export	natural gas		
	6		export	gas		
	7	-	import		from	south
	8		import		from	Patagonia
	9		export		from	south
	10		export		from	Patagonia
•(1)	11	Argentina		natural gas		
	12	Argentina		gas		
	13	Argentina		Patagonia		
	14	Argentina	٧.	south		
-)(-	15	Patagonia	Ÿ			south
	16	natural gas		south		
	1.7	gas		south		
	18	natural gas	• • • • • • • • • • • • • • • • • • •	Patagonia		
	19	gas		Patagonia		
	20	south		Patagonia		
•	21	natural gas				Argentina
	22	gas				Argentina
	23	Patagonia				Argentina
	24	south				Argentina
,	25	south				natural gas
	26	south				gas
	27	Patagonia			0.	natural gas
	28	Patagonia				gas

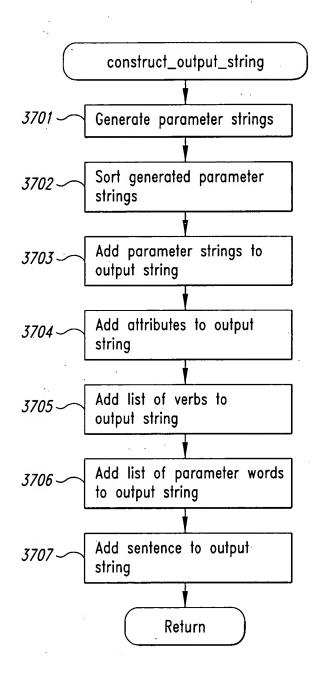


Fig. 37

Docket No. 480193.402

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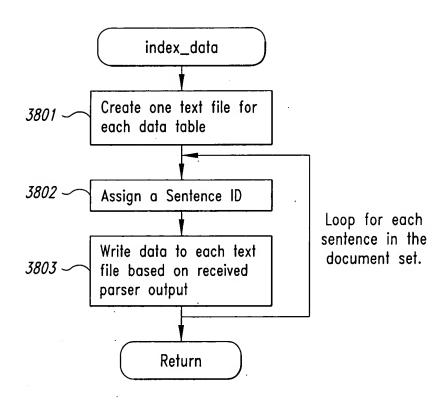


Fig. 38

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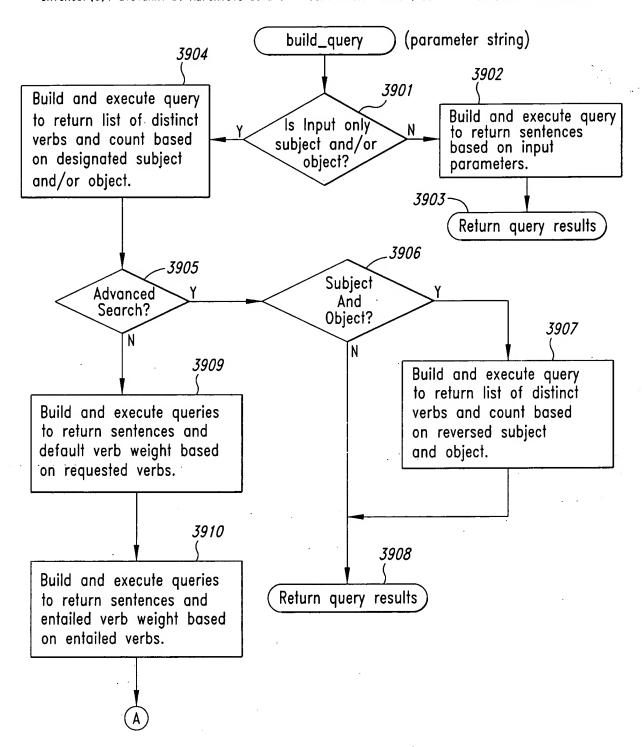


Fig. 39A

3911 Build and execute query 3914~ to return list of distinct Build and execute queries verbs and count based to return sentences and on reversed subject verb similarity weight based and object. on related verbs. Build and execute queries 3915~ *3912* to return sentences and default verb weight based number of on reversed subject and/or return sentences <K? object in combination with requested verbs. 3913 Return query results Build and execute queries 3916~ to return sentences and entailed verb weight based on reversed subject and/or object in combination with verbs that entail each verb entailed verbs. Build and execute queries 3917~ to return sentences and verb similarity weight based on reversed subject and/or object in combination with related verbs. 3918 Return query results

Fig. 39B